

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051123\
 Data File : VX035600.D
 Acq On : 11 May 2023 10:38
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: May 11 13:58:02 2023
 Quant Title :
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/11/2023
 Supervised By : Mahesh Dadoda 05/12/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	240705	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	426708	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	372046	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	167642	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	78 - 117	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	92 - 112	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.000%#
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	2955	0.942	ug/l	98
3) Chloromethane	1.294	50	4589	1.205	ug/l	99
4) Vinyl Chloride	1.374	62	3272	1.013	ug/l	97
6) Chloroethane	1.691	64	2259	1.153	ug/l	# 81
7) Trichlorofluoromethane	1.886	101	4598	0.968	ug/l	100
8) Diethyl Ether	2.130	74	1989	1.087	ug/l	72
9) 1,1,2-Trichlorotrifluo...	2.331	101	2834	1.005	ug/l	98
12) 1,1-Dichloroethene	2.325	96	2596	0.968	ug/l	# 76
13) Acrolein	2.239	56	4630	5.322	ug/l	90
14) Allyl chloride	2.666	41	6168	1.074	ug/l	# 93
15) Acrylonitrile	3.074	53	8395	5.146	ug/l	99
16) Acetone	2.392	43	10831	6.001	ug/l	# 87
17) Carbon Disulfide	2.514	76	6119	0.946	ug/l	99
18) Methyl Acetate	2.709	43	6945	1.043	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	11223	1.052	ug/l	# 87
20) Methylene Chloride	2.788	84	3751	1.147	ug/l	94
21) trans-1,2-Dichloroethene	3.099	96	2856	0.972	ug/l	91
22) Diisopropyl ether	3.751	45	12226	1.087	ug/l	# 88
23) Vinyl Acetate	3.721	43	40367	5.074	ug/l	# 94
24) 1,1-Dichloroethane	3.605	63	6036	1.004	ug/l	# 91
25) 2-Butanone	4.574	43	13699	5.483	ug/l	97
26) 2,2-Dichloropropane	4.471	77	5336	1.048	ug/l	92
27) cis-1,2-Dichloroethene	4.477	96	3689	1.045	ug/l	94
28) Bromochloromethane	4.891	49	2875	1.063	ug/l	# 97
29) Tetrahydrofuran	5.013	42	8444	5.377	ug/l	97
30) Chloroform	5.092	83	6380	1.035	ug/l	89
32) 1,1,1-Trichloroethane	5.379	97	5272	0.983	ug/l	# 52
36) 1,1-Dichloropropene	5.696	75	4508	0.992	ug/l	93
37) Ethyl Acetate	4.721	43	4991	1.053	ug/l	# 92
38) Carbon Tetrachloride	5.672	117	4156	0.966	ug/l	92
39) Methylcyclohexane	7.379	83	5296	0.990	ug/l	93
40) Benzene	6.031	78	13229	1.041	ug/l	97
41) Methacrylonitrile	4.910	41	3169	1.127	ug/l	94
42) 1,2-Dichloroethane	6.080	62	5889	1.077	ug/l	94
43) Isopropyl Acetate	6.336	43	8728	1.056	ug/l	99
44) Trichloroethene	7.129	130	3595	1.116	ug/l	64
45) 1,2-Dichloropropane	7.427	63	3487	1.036	ug/l	92

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46) Dibromomethane	7.580	93	2266	0.984	ug/l	90
47) Bromodichloromethane	7.824	83	4320	0.970	ug/l #	91
48) Methyl methacrylate	7.696	41	4089	1.003	ug/l	100
49) 1,4-Dioxane	7.720	88	2512m	29.634	ug/l	
51) 4-Methyl-2-Pentanone	8.573	43	24568	5.162	ug/l	98
52) Toluene	8.720	92	8584	1.070	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	4150	0.858	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	4571	0.882	ug/l #	90
55) 1,1,2-Trichloroethane	9.153	97	3141	0.997	ug/l #	93
56) Ethyl methacrylate	9.116	69	5241	1.027	ug/l	94
57) 1,3-Dichloropropane	9.305	76	5950	1.042	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	13168	5.073	ug/l	99
59) 2-Hexanone	9.427	43	18356	5.121	ug/l	99
60) Dibromochloromethane	9.512	129	2642	0.880	ug/l	93
61) 1,2-Dibromoethane	9.610	107	3383	1.019	ug/l	98
64) Tetrachloroethene	9.268	164	2772	1.107	ug/l	86
65) Chlorobenzene	10.079	112	8530	1.050	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.159	131	2741	0.954	ug/l #	62
67) Ethyl Benzene	10.195	91	15992	1.047	ug/l	90
68) m/p-Xylenes	10.299	106	11532	2.043	ug/l	96
69) o-Xylene	10.640	106	5842	1.043	ug/l	98
70) Styrene	10.652	104	8526	0.944	ug/l	96
71) Bromoform	10.799	173	1724	0.912	ug/l #	96
73) Isopropylbenzene	10.957	105	14177	1.004	ug/l	100
74) N-amyl acetate	10.841	43	6947	1.055	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	4923	1.074	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	4338m	1.080	ug/l	
77) Bromobenzene	11.201	156	3458	1.079	ug/l	92
78) n-propylbenzene	11.305	91	16302	0.982	ug/l	99
79) 2-Chlorotoluene	11.366	91	11057	1.064	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	12148	1.012	ug/l	94
82) 4-Chlorotoluene	11.451	91	12270	1.025	ug/l	98
83) tert-Butylbenzene	11.713	119	12068	1.034	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	12185	1.011	ug/l	97
85) sec-Butylbenzene	11.890	105	14223	0.971	ug/l	98
86) p-Isopropyltoluene	12.012	119	11349	0.942	ug/l	91
87) 1,3-Dichlorobenzene	11.969	146	6403	1.051	ug/l	96
88) 1,4-Dichlorobenzene	12.036	146	6457m	1.050	ug/l	
89) n-Butylbenzene	12.329	91	10337	0.943	ug/l	94
90) Hexachloroethane	12.536	117	1621	0.888	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	6463	1.084	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.939	75	1047	1.026	ug/l	79
93) 1,2,4-Trichlorobenzene	13.591	180	3596	1.001	ug/l	92
94) Hexachlorobutadiene	13.725	225	1496	1.049	ug/l	95
95) Naphthalene	13.774	128	12131	0.986	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	3660	1.036	ug/l	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

